The Flax Programming Language

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author	zhiayang
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Introduction

1   Language Overview

1.1   Description

Flax is a statically and strongly typed programming language with C-like syntax. It is written as the author's personal replacement for C++, and thus has many similar feature classes, which will be explored in due time.

Syntax-wise, Flax is, generally speaking, a curly-brace-delimited language, featuring optional semicolons, type inference (of the `auto` variety), and 'name: type' variable declarations.

1.1.1   Goals

Flax has a few broad goals driving its design:

- Sane compilation strategy (ie. no header files)
- Minimal programmer friction
- No undefined behaviour, strange quirks, or other edge cases
- Low level systems programming